

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims

1. (Currently Amended) An information processing apparatus for delivering contents data via a network to other apparatus comprising:

first registration means for registering general additional information regarding said contents data,

said general additional information comprising at least one of time or date of filming a video scene of said contents data, an explanation of a scene, title to background music, contents ID, general purpose additional information ID, part covered by additional information, name covered by additional information, segment number, scene number, object number, and additional information classification;

second registration means for registering individual additional information of said contents data on the basis of at least said contents data,

wherein said individual additional information comprises overall individual additional information which is associated with the contents data as a whole, segment individual additional information which is associated with one of a plurality of segments of the contents data, and scene individual additional information associated with one of a plurality of scenes in contents data;

storage means for storing said general additional information registered by said first registration means and said individual additional information registered by said second registration means;

extraction means for extracting said general additional information and said individual additional information stored in said storage means if a delivery request for contents data is received from other apparatus,

wherein said individual additional information is extracted on the basis of user information comprising at least one of user usage status and user usage classification;

generation means for generating individual data to be transmitted to said other apparatus from said general additional information and said individual additional information extracted by said extraction means; and

transmission means for transmitting said contents data and said individual data generated by said generation means via said network to said other apparatus, to enable said contents data, said general additional information and said individual additional information to be simultaneously displayed on a display screen at said other apparatus;

whereby contents data is delivered together with extracted general additional information and extracted individual additional information in response to a request for usage generated by said other apparatus,

said extracted general additional information and extracted individual additional information being generated by selecting from a database of additional information according to said request.

2. (Original) The information processing apparatus as defined in claim 1, further comprising:

recording means for recording charging information on the basis of said individual data generated by said generation means.

3. (Canceled)

4. (Canceled)

5. (Previously Presented) The information processing apparatus as defined in claim 17, wherein said updating charging information updates charges to at least an end user for use of said contents data and/or individual metadata on the basis of said generated individual metadata.

6. (Currently Amended) An information processing method for an information processing apparatus for delivering contents data via a network to other apparatus, said method comprising the steps of:

a first registration step of registering general additional information regarding said contents data, said general additional information comprising at least one of time or date of filming a video scene of said contents data, an explanation of a scene, title to background music, contents ID, general purpose additional information ID, part covered by additional information, name covered by additional information, segment number, scene number, object number, and additional information classification;

a second registration step of registering individual additional information of said contents data on the basis of at least said contents data,

wherein said individual additional information comprises overall individual additional information which is associated with the contents data as a whole, segment individual additional information which is associated with one of a plurality of segments of the contents data, and scene individual additional information associated with one of a plurality of scenes in contents data;

a storage control step of controlling storage of said general additional information registered by the processing of said first registration step and said individual additional information registered by the processing of said second registration step;

an extraction step for extracting said general additional information and said individual additional information if a delivery request for contents data is received from said other apparatus, wherein said individual additional information is extracted on the basis of user information comprising at least one of user usage status and user usage classification;

a generation step of generating individual data for transmission to said other apparatus from said general additional information and said individual additional information which were extracted by the processing of said extraction step; and

a transmission step of transmitting said individual data generated by the processing of said generation step, together with said contents data, via said network to said other apparatus, to enable said contents data, said general additional information and said individual additional information to be simultaneously displayed on a display screen at said other apparatus;

whereby contents data is delivered together with extracted general additional information and extracted individual additional information in response to a request for usage generated by said other apparatus, said extracted general additional information and extracted individual additional information being generated by selecting from a database of additional information according to said request.

7. (Currently Amended) A recording medium wherein a program for controlling an information processing apparatus to deliver contents data via a network to other apparatus is recorded in a computer readable form, said program comprising the processing steps of:

a first registration step of registering general additional information regarding said contents data, said general additional information comprising at least one of time or date of filming a video scene of said contents data, an explanation of a scene, title to background music, contents ID, general purpose additional information ID, part covered by additional information, name covered by additional information, segment number, scene number, object number, and additional information classification;

a second registration step of registering individual additional information of said contents data on the basis of at least said contents data,

wherein said individual additional information comprises overall individual additional information which is associated with the contents data as a whole, segment individual additional information which is associated with one of a plurality of segments of the contents data, and scene individual additional information associated with one of a plurality of scenes in contents data;

a storage control step of controlling storage of said general additional information registered by the processing of said first registration step and said individual additional information registered by the processing of said second registration step;

an extraction step for extracting said general additional information and said individual additional information if a delivery request for contents data is received from said other apparatus, wherein said individual additional information is extracted on the basis of user information comprising at least one of user usage status and user usage classification;

a generation step of generating individual data for transmission to said other apparatus from said general additional information and said individual additional information which were extracted by the processing of said extraction step; and

a transmission step of transmitting said individual data generated by the processing of said generation step, together with said contents data, via said network to said other apparatus, to enable said contents data, said general additional information and said individual additional information to be simultaneously displayed on a display screen at said other apparatus;

whereby contents data is delivered together with extracted general additional information and extracted individual additional information in response to a request for usage generated by said other apparatus, said extracted general additional information and extracted individual additional information being generated by selecting from a database of additional information according to said request.

8. (Currently Amended) An information processing system having a first information processing apparatus and a second information processing apparatus, wherein:

said first information processing apparatus comprising;

first registration means for registering general additional information regarding
said contents data,

said general additional information comprising at least one of time or date of
filming a video scene of said contents data, an explanation of a scene, title to background music,
contents ID, general purpose additional information ID, part covered by additional information,
name covered by additional information, segment number, scene number, object number, and
additional information classification;

second registration means for registering individual additional information of said
contents data on the basis of at least said contents data,

wherein said individual additional information comprises overall individual
additional information which is associated with the contents data as a whole, segment individual
additional information which is associated with one of a plurality of segments of the contents
data, and scene individual additional information associated with one of a plurality of scenes in
contents data;

storage means for storing said general additional information registered by said
first registration means and said individual additional information registered by said second
registration means;

extraction means for extracting said general additional information and said
individual additional information stored in said storage means if a delivery request for contents
data is received from other apparatus, wherein said individual additional information is extracted
on the basis of user information comprising at least one of user usage status and user usage
classification;

generation means for generating individual data to be transmitted to said other apparatus from said general additional information and said individual additional information extracted by said extraction means; and

transmission means for transmitting said contents data and said individual data generated by said generation means via said network to said other apparatus, to enable said contents data, said general additional information and said individual additional information to be simultaneously displayed on a display screen at said other apparatus, and

said second information processing apparatus comprising:

a delivery request means for transmitting information specifying said contents data so as to receive desired said contents data and requesting a delivery of specified contents data to said first information processing apparatus; and

an output means for receiving and integrating said contents data and said individual data supplied from said first information processing apparatus, and outputting integrated data;

whereby contents data is delivered together with extracted general additional information and extracted individual additional information in response to a request for usage generated by said second apparatus, said extracted general additional information and extracted individual additional information being generated by selecting from a database of additional information according to said request.

9. (Currently Amended) The information processing apparatus as defined in ~~claim~~ claim 1, wherein said object appears within said contents data, and second registration means registers said respective individual additional information split per said object.

10. (Previously Presented) The information processing method as defined in claim 6 wherein said additional information and said individual additional information are each registered split per segment, scene or object appearing within said contents data.

11. (Previously Presented) The information processing method as defined in claim 10 wherein said individual additional information is registered split per object within said contents data.

12. (Previously Presented) The recording medium as defined in claim 7 wherein said additional information and said individual additional information are each registered split per segment, scene or object appearing within said contents data.

13. (Previously Presented) The recording medium as defined in claim 12 wherein said individual additional information is registered split per object appearing within said contents data.

14. (Previously Presented) The information processing system as defined in claim 8 wherein said additional information and said individual additional information are each registered split per segment, scene or object appearing within said contents data.

15. (Previously Presented) The information processing system as defined in claim 14 wherein said individual additional information is registered split per object appearing within said contents data.

16. (Currently Amended) An information processing method for an information processing apparatus for delivering contents data via a network to other apparatus, said method comprising the steps of:

registering general additional information regarding said contents data, said general additional information comprising at least one of time or date of filming a video scene of said contents data, an explanation of a scene, title to background music, contents ID, general purpose additional information ID, part covered by additional information, name covered by additional information, segment number, scene number, object number, and additional information classification;

registering individual additional information of said contents data on the basis of at least said contents data,

wherein said individual additional information comprises overall individual additional information which is associated with the contents data as a whole, segment individual additional information which is associated with one of a plurality of segments of the contents data, and scene individual additional information associated with one of a plurality of scenes in contents data;

controlling storage of said additional information registered and said individual additional information registered;

extracting said general additional information and said individual additional information if a delivery request for contents data is received from said other apparatus, wherein said individual additional information is extracted on the basis of user information comprising at least one of user usage status and user usage classification;

generating individual data for transmission to said other apparatus from said general additional information and said individual additional information which were extracted by the processing of said extraction step; and

transmitting said individual data generated in said generation step, together with said contents data, via said network to said other apparatus, to enable said contents data, said general additional information and said individual additional information to be simultaneously displayed on a display screen at said other apparatus;

whereby contents data is delivered together with extracted general additional information and extracted individual additional information in response to a request for usage generated by said other apparatus, said extracted general additional information and extracted individual additional information being generated by selecting from a database of additional information according to said request.

17. (Currently Amended) An information processing method for delivering contents data via a network to other apparatus, the method comprising the steps of:

analyzing a delivery request for contents data received from said other apparatus;

extracting general purpose additional information of said contents data and individual additional information in accordance with said analysis of said analyzing step,

wherein said individual additional information comprises overall individual additional information which is associated with the contents data as a whole, segment individual additional information which is associated with one of a plurality of segments of the contents data, and scene individual additional information associated with one of a plurality of scenes in contents data, and

wherein the individual additional information is extracted on the basis of user information comprising at least one of user usage status and user usage classification;

generating individual metadata from said extracted general purpose additional information and said extracted individual additional information;

updating charging information on the basis of said generated individual metadata;
and

transmitting said contents data and said individual metadata via said network to said other apparatus;

whereby said general purpose additional information comprises at least one of time or date of filming a video scene of said contents data, an explanation of a scene, title to background music, contents ID, general purpose additional information ID, part covered by additional information, name covered by additional information, segment number, scene number, object number, and additional information classification; and

whereby contents data is delivered together with extracted general additional information and extracted individual additional information in response to a request for usage generated by said other apparatus, said extracted general additional information and extracted individual additional information being generated by selecting from a database of additional information according to said request.

18. (Previously Presented) The information processing apparatus as defined in Claim 1, wherein said general additional information comprises the time or date of filming a video scene of said contents data.

19. (Previously Presented) The information processing apparatus as defined in Claim 1, wherein said general additional information comprises said explanation of a scene.

20. (Previously Presented) The information processing apparatus as defined in Claim 1, wherein said general additional information comprises said general purpose additional information ID.

21. (Previously Presented) The information processing apparatus as defined in Claim 1, wherein said general additional information comprises said part covered by additional information.

22. (Previously Presented) The information processing apparatus as defined in Claim 1, wherein said general additional information comprises said name covered by additional information.

23. (Previously Presented) The information processing apparatus as defined in Claim 1, wherein said general additional information comprises said segment number.

24. (Previously Presented) The information processing apparatus as defined in Claim 1, wherein said general additional information comprises said object number.

25. (Previously Presented) The information processing apparatus as defined in Claim 1, wherein said general additional information comprises said additional information classification.